

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.-28. (Cancelled).

29. (Currently Amended) A computer-aided design (CAD) system comprising:

a computer;

a display device that is directed by the computer to display an image of a dental restoration body, the dental restoration body including a plurality of distinct dentally specific indicia, each indicium being a single, selectable, unique type of dental feature, that is different from each other type of indicia;

an input device that enables a user to input a command to the computer to reference any of the plurality of distinct dentally specific indicia to select a portion of the image to be modified, the selected portion being defined by at least the distinct dentally specific indicia referenced by the command; and

at least one design tool that enables the user to modify the selected portion in any of a plurality of directions,

wherein the plurality of distinct dentally specific indicia include at least one of an equator, a marginal crest, a cusp and a fissure.

30. (Previously Presented) A CAD system according to claim 29, wherein the plurality of distinct dentally specific indicia comprise a plurality of dentally specific lines.

31. (Previously Presented) A CAD system according to claim 29, wherein the plurality of distinct dentally specific indicia comprise a plurality of dentally specific points.

32. (Previously Presented) A CAD system according to claim 29, wherein the plurality of distinct dentally specific indicia comprise a plurality of dentally specific lines and a plurality of dentally specific points.

33. (Cancelled).

34. (Previously Presented) A CAD system according to claim 29, wherein the selection is made by selecting a region between at least two of the plurality of distinct dentally specific indicia.

35. (Previously Presented) A CAD system according to claim 29, wherein the image of the dental restoration body further includes a preparation border.

36. (Previously Presented) A CAD system according to claim 35, wherein the selection is made by selecting a region between the preparation border and at least one of the plurality of distinct dentally specific indicia.

37. (Canceled)

38. (Previously Presented) A CAD system according to claim 29, wherein the computer directs the display device to display a plurality of symbols, each of the plurality of symbols representing a design tool.

39. (Currently Amended) An imaging processing method comprising the steps of:

providing an image of a dental restoration body, the image of the dental restoration body including a plurality of distinct dentally specific indicia, each indicium being a single, selectable, unique type of dental feature, that is different from each other type of indicia;

accepting an input command to reference any of the plurality of distinct dentally specific indicia to select a portion of the image to be modified, the selected portion being defined by at least the distinct dentally specific indicia referenced by the command; and

modifying the selected portion with a design tool, the design tool enabling the selected portion to be modified in any of a plurality of directions,

wherein the plurality of distinct dentally specific indicia include at least one of an equator, a marginal crest, a cusp and a fissure.

40. (Previously Presented) An image processing method according to claim 39, wherein the plurality of distinct dentally specific indicia comprise a plurality of dentally specific lines.

41. (Previously Presented) An image processing method according to claim 39, wherein the plurality of distinct dentally specific indicia comprise a plurality of dentally specific points.

42. (Previously Presented) An image processing method according to claim 39, wherein the plurality of distinct dentally specific indicia comprise a plurality of dentally specific lines and a plurality of dentally specific points.

43. (Cancelled).

44. (Previously Presented) An image processing method according to claim 39, wherein the selection is made by selecting a region between at least two of the plurality of distinct dentally specific indicia.

45. (Previously Presented) An image processing method according to claim 39, wherein the image of the dental restoration body further includes a preparation border.

46. (Previously Presented) An image processing method according to claim 45, wherein the selection is made by selecting a region between the preparation border and at least one of the plurality of distinct dentally specific indicia.

47. (Canceled)

48. (Currently Amended) A computer-aided design (CAD) system comprising:

means for displaying an image of a dental restoration body, the dental restoration body including a plurality of distinct dentally specific indicia, each indicium being a single, selectable, unique type of dental feature, that is different from each other type of indicia;

means for inputting a command to reference any of the plurality of distinct dentally specific indicia to select a portion of the image to be modified, the selected portion being defined by at least the distinct dentally specific indicia referenced by the command; and

means for modifying the selected portion in any of a plurality of directions,  
wherein the plurality of distinct dentally specific indicia include at least one of an equator, a marginal crest, a cusp and a fissure.